

# Instructions for handling radioactive substances

## Hot chamber

The hot-chamber logbook **must** be kept up to date; each user must enter the date, name, isotopes used, ....

## Respect health and safety rules

- **No** drinking, eating or use of cosmetics in a controlled area.
- Separate laboratory and office activities.

## Sources

- Maintain inventory of sources stored in the laboratory.
- Identify cabinets, refrigerators and/or freezers where sources are stored with the radioactivity symbol.
- Eliminate sources that are outdated or no longer in use.

## Protect yourself

- Wear a lab coat, single-use gloves and a dosimeter
- Reduce exposure time by planning your work and making sure you have the necessary equipment on hand before removing the source from its shielding.
- Use protective screens appropriate to the source handled.
- Do not mix clean and contaminated material.

## Working area

- Delimit the work surface.
- Identify work surface, equipment, radioactive preparations and any contaminated items.
- Place Benchkote paper on the work surface, absorbent side up.

## Check

- Check yourself regularly (hands, lab coat, etc.) for contamination.
- Check, decontaminate and clean all work surfaces after handling.
- Leave the work surface and work area clean and tidy.
- Regularly check the batteries in your measuring instrument(s).

## Waste

- Disposing of (potentially) contaminated materials in "conventional" waste garbage cans is **prohibited**.
- **No** disposal of contaminated liquids directly down the sink.
- Package radioactive waste in compliance with sorting instructions.

## Who to contact in case of problems ?

### - Local representative:

**NAME, first name :** .....  
**Local :** .....  
**Phone number :** .....

- **Health Physics Department :** 02/650.49.47

### - Occupational Medicine: